

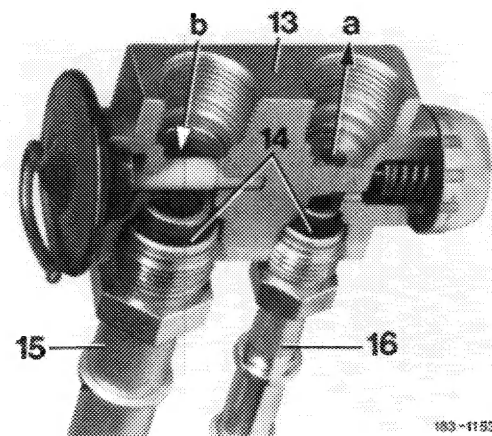
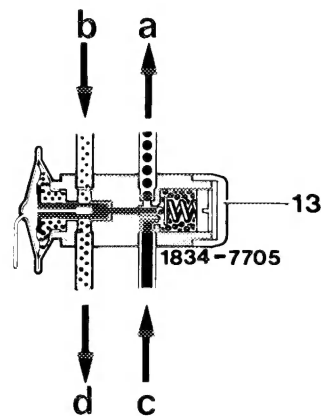
Data

Version	Thermostatic valve with outer pressure compensation	
Tightening torques	Nm	(kpm)
Pressure hose to expansion valve 5/8"	15—18	(1.5—1.8)
Suction hose to expansion valve 7/8"	29—37	(2.9—3.7)
Evaporator pipe lines 3/4"	24—28	(2.4—2.8)
Evaporator pipe line 7/8"	29—37	(2.9—3.7)

Note

If heavy contamination is shown up in expansion valve, replace receiver dehydrator and expansion valve (83—530).

- Injection valve (diagram)
- a To evaporator
 - b From evaporator
 - c From receiver dehydrator
 - d To compressor
- 13 Injection valve
 - 14 O-ring
 - 15 O-ring fitting for hose line from injection valve to refrigerant compressor
 - 16 O-ring fitting for hose line from receiver dehydrator to injection valve



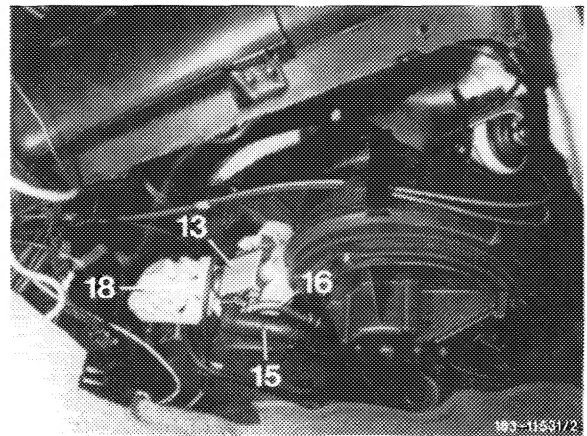
Injection valve (section)

83-11532/1

Removal

- 1 Drain air-conditioning system (83–516).
- 2 Remove cover at right under instrument panel (68–150).

- 3 Open insulating housing (18) by half.
- 4 Unscrew hose and pipe lines on injection valve (13).
- 5 Remove injection valve and close connections with plug.



Installation

- 6 Moisten threads with cold-flowing oil and check O-rings (14).
- 7 Screw injection valve (13) to evaporator pipes.
- 8 Connect refrigerant line (15 and 16) to injection valve.
- 9 Evacuate air-conditioning system, refill and check for function and leaks (83–510, 512 and 514).
- 10 Attach housing (18) carefully to injection valve.
- 11 Install cover under instrument panel.

